|         | Index of Claims |            |               |              |          |          |           |           |              |         |          |                                         |          | Application/Control No. |             |                    |           |                 |           |             |            |         | Applicant(s)/Patent under Reexamination |                   |                 |              |          |          |          |                 |           |           |   |  |  |
|---------|-----------------|------------|---------------|--------------|----------|----------|-----------|-----------|--------------|---------|----------|-----------------------------------------|----------|-------------------------|-------------|--------------------|-----------|-----------------|-----------|-------------|------------|---------|-----------------------------------------|-------------------|-----------------|--------------|----------|----------|----------|-----------------|-----------|-----------|---|--|--|
|         |                 |            |               |              |          |          |           |           |              |         |          |                                         |          |                         | 10/707,958  |                    |           |                 |           |             |            |         |                                         | FUSON, PHILLIP L. |                 |              |          |          |          |                 |           |           |   |  |  |
|         |                 |            |               |              |          |          |           |           |              |         |          |                                         |          |                         | Examiner    |                    |           |                 |           |             |            |         |                                         |                   | t Ur            |              |          |          | T        |                 |           |           |   |  |  |
|         |                 |            |               |              |          |          |           |           |              |         |          |                                         |          |                         | <u></u>     | Samuel M. Heinrich |           |                 |           |             |            |         |                                         | 17                | 25              |              |          |          |          |                 |           |           | _ |  |  |
|         | [ <del>]</del>  |            |               |              |          |          |           |           |              |         |          |                                         |          | (Th                     |             |                    |           |                 |           |             |            |         | <del></del>                             |                   |                 |              |          |          |          |                 |           |           |   |  |  |
|         | √ Reje          |            |               |              |          |          | cted      |           |              | -       |          | Through numera<br>Cancelled             |          |                         | ıraı        | d1)                |           | N No            |           | Non-Elected |            |         | A                                       | Appeal            |                 |              |          |          |          |                 |           |           |   |  |  |
|         | [=              |            |               |              |          | Allowed  |           |           |              | ÷       | Restrict |                                         | ted      |                         |             |                    | ı         | Int             | erfe      | ren         | Ce         |         | 0                                       | (                 | Obj             | ect          | ed       |          |          |                 |           |           |   |  |  |
| ſ       | Cla             | Da         |               |              |          |          |           |           |              |         | Claim    |                                         |          |                         |             | Date               | le        |                 |           | 1 1         | Claim      |         |                                         | Date              |                 |              |          |          | _        |                 |           |           |   |  |  |
| Ì       |                 |            | 10            | إه           | <u> </u> |          |           | ĬΤ        |              | Т       | 7        |                                         | $\neg$   |                         | 00          | U                  | Т         |                 | <u>,</u>  | $\Box$      |            | 1       |                                         | П                 | Date            |              |          |          | П        | Т               |           |           | • |  |  |
|         | Final           | Original   | 500           | 3<br>Ok      |          |          |           |           |              |         |          | Final                                   | Orional  |                         | 63          |                    |           |                 |           |             | İ          |         | Final                                   | Original          |                 |              |          |          |          |                 |           |           | • |  |  |
| ļ       |                 | 1          | Ŧ             | Z            |          |          | 寸         | $\exists$ |              | $\pm$   | Ⅎ        |                                         | 5        | 1 4                     | 1           |                    | 上         |                 | $\exists$ |             | $\dagger$  | 1       |                                         | 101               | Ц               | $\pm$        |          |          |          |                 | 士         |           |   |  |  |
| }       |                 | 3          | 5             | <u> </u>     | Ł        |          |           | -         | +            | +       | -        | $\vdash$                                | 5:       |                         | H           | +                  | ╀         | H               | $\dashv$  | -           | +-         | $\  \ $ |                                         | 102<br>103        | $\vdash$        | -            | _        | +        |          |                 | 4         | 4         |   |  |  |
| ļ       |                 | 4          |               | V            |          |          |           |           | 1            | #       | 1        |                                         | 5        | 1                       | $\Box$      | 1                  | L         |                 |           |             |            |         |                                         | 104               |                 | 士            | 上        |          |          |                 | ╛         | ╛         |   |  |  |
|         |                 | - <u>5</u> | H             | 2            | <u> </u> | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$     | +       | ╣        | -                                       | 56       |                         | +           | ╨                  | ╀         | Н               | $\dashv$  | +           | +          |         |                                         | 105<br>106        | $\vdash \vdash$ | -            | +        | 1        | H        | H               | +         | $\dashv$  |   |  |  |
| ļ       |                 | 7          |               | 1            |          |          |           |           |              | #       | ∄.       |                                         | 5        | 7 1                     | $\Box$      |                    |           |                 |           |             |            |         |                                         | 107               |                 |              |          |          |          |                 |           | $\exists$ |   |  |  |
| }       |                 | 9          | Н             | ファ           | ╁┤       |          | $\dashv$  | 4         | $\dashv$     | _       | $\dashv$ | <u> </u>                                | 55<br>55 |                         | Ш           | +                  | +         | $\vdash$        | 4         | +           | <b>-</b>   |         |                                         | 108<br>109        | $\vdash$        | 4            |          | 1        | L        |                 | 4         | 4         |   |  |  |
| ļ       |                 | 10         | T             | V            |          |          |           | $\exists$ | $\perp$      |         | _        |                                         | 60       | 2                       | 出           |                    | $\dagger$ | H               | $\exists$ |             |            | 1       |                                         | 110               | $\vdash$        | $\dashv$     | ╁        | $\vdash$ |          | H               | +         | ┥         |   |  |  |
| }       |                 | 11<br>12   |               | ソレ           |          | $\dashv$ | $\dashv$  | 4         | +            | +       | 4        | _                                       | 6        |                         |             | )_                 |           | П               | 4         | 4           | 1          |         |                                         | 111<br>112        | П               |              | $\perp$  | L        |          |                 | $\dashv$  | $\exists$ |   |  |  |
| · t     |                 | 13         | 7             | V            |          | ·        |           |           | $\exists$    | $\pm$   | _        |                                         | 6        |                         |             | +                  | +         |                 | $\dashv$  |             | 十          |         |                                         | 113               | $\vdash$        | +            | ╁        | ╁        | $\vdash$ | $\vdash$        | -         | ᅱ         |   |  |  |
| [       |                 | 14<br>15   |               | ジマ           |          |          | $\dashv$  | _         | 4            | Ŧ       | 7        |                                         | 6        |                         | $\prod$     | )                  |           |                 | $\Box$    | 1           |            | 1       |                                         | 114               | П               | 1            | $\bot$   |          |          |                 | 1         | コ         |   |  |  |
| ł       |                 | 16         | (             | Ň            | Н        |          | $\dashv$  | $\dashv$  | +            | +       | $\dashv$ |                                         | 69       |                         | ╫           | _                  | ╁         |                 | $\dashv$  | +           | ╁          |         |                                         | 115<br>116        | $\vdash$        | +            | +        | ╁        | $\vdash$ | $\vdash$        | +         | $\dashv$  |   |  |  |
| [       |                 | 17         | Д             | 7            | П        |          | $\Box$    | $\Box$    | 1            | 1       | 7        |                                         | 6        | 7                       | $\lambda$   |                    |           | П               | $\Box$    |             |            |         |                                         | 117               |                 | 1            | 工        |          |          |                 | $\exists$ | ゴ         |   |  |  |
| ŀ       |                 | 18<br>19   | +             | ł            | Н        |          | $\dashv$  | $\dashv$  | +            | +       | $\dashv$ | -                                       | 69       |                         | ₩           | +                  | +         | Н               | $\dashv$  | +           | +-         | 311     |                                         | 118<br>119        | $\vdash$        | +            | ╀        | ╀        |          | H               | +         | 4         |   |  |  |
|         |                 | 20         | Z             | C            |          |          |           | 二         | コ            |         | ゴ        |                                         | 70       | 5                       | T           | 7                  | 上         |                 |           |             |            |         |                                         | 120               |                 |              |          |          |          |                 | $\pm$     | ╛         |   |  |  |
| }       |                 | 21<br>22   | }             | $\mathbf{+}$ | Н        |          | ┪         | $\dashv$  | +            | +       | $\dashv$ | <u> </u>                                | 7:       |                         | ℋ           | 4                  | ╀         | Н               | $\dashv$  | +           | -          |         |                                         | 121<br>122        | $\vdash$        | - -          | +        | ┼-       | L        | $\sqcup$        | 4         | 4         |   |  |  |
| ļ       |                 | 23         |               | t            |          |          |           |           | 士            | $\perp$ |          |                                         | 7:       | 3 1                     |             | 止                  |           | $\Box$          | $\exists$ | $\pm$       |            |         |                                         | 123               | H               | +            | 十        | ╁        | H        | H               | $\dashv$  | ┨         |   |  |  |
| F       |                 | 24<br>25   | $\mathcal{H}$ | +            | Н        | -        | $\dashv$  | -         | 4            | +       | 4        | <u> </u>                                | 74<br>75 |                         |             | 4                  | $\vdash$  |                 | 4         | +           | $\perp$    | ]. ]    |                                         | 124               | П               | 4            | $\bot$   | ļ        |          |                 | $\neg$    | $\Box$    |   |  |  |
| į       |                 | 26         |               | †            | П        |          | $\exists$ | _         | $\forall$    | +       | $\dashv$ | <u> </u>                                | 170      | ;                       | Ж           | 十                  | ╁╴        | H               | $\dashv$  | +           | +          |         |                                         | 125<br>126        | $\vdash$        | +            | +        | ╁        | $\vdash$ | H               |           | $\dashv$  |   |  |  |
| -       |                 | 27<br>28   | )             | Į            | H        | _        | $\Box$    | _         | 4            | 7       | 7        | Ĺ                                       |          | T                       | $\mu$       | Ι.                 | $\perp$   | П               | $\Box$    | $\bot$      |            | ]       |                                         | 127               |                 |              | $\perp$  | I        |          |                 | 丁         | コ         |   |  |  |
| ŀ       | _               | 29         | H             | t            | Н        | $\dashv$ | $\dashv$  | +         | $\dashv$     | +       | +        | ┝                                       | 78       |                         | (+          | ╫                  | ╁         | Н               | ┪         | +           | ╁          |         |                                         | 128<br>129        | $\vdash$        | +            | +        | ╁        | Н        |                 | +         | $\dashv$  | ٠ |  |  |
|         |                 | 30         | 7             | 1            |          | $\Box$   |           |           | $\Box$       |         | 7        |                                         | 80       |                         |             | \L                 |           |                 | $\exists$ | 1           |            |         |                                         | 130               |                 | 丰            |          |          | П        |                 | 1         | ゴ         |   |  |  |
|         |                 | 31<br>32   | +             | +            | Н        | ᅱ        | ᅱ         | $\dashv$  | +            | +       | $\dashv$ |                                         | 82       |                         | Ж           | +                  | ╀         | H               | $\dashv$  | +           | +          | •       |                                         | 131<br>132        | ├┼              | +            | +        | ╁        | Н        |                 | +         | $\dashv$  |   |  |  |
|         |                 | 33         | (             | 1            |          |          | $\exists$ |           |              |         | 7        |                                         | 83       | 3 /                     | 1           |                    |           |                 |           | 士           |            |         |                                         | 133               |                 | 士            |          |          |          |                 | $\pm$     | ╛         |   |  |  |
| }       |                 | 34<br>35   | 7             | ┞            | $\vdash$ |          | $\dashv$  | -         | +            | +       | 4        | <del> </del>                            | 89       |                         | +           | 4                  | +         | -               | -         | +           | -          |         |                                         | 134<br>135        |                 | $\bot$       | -        | Ė        |          | $\dashv$        | $\perp$   | $\exists$ |   |  |  |
|         |                 | 36         | Ż             | 1            |          |          |           |           | $\exists$    |         | _        |                                         | 86       | 3 /                     | 1           | 士                  | Ė         |                 | $\exists$ | 1           | +          |         |                                         | 136               | H               | +            | +-       | $\vdash$ | Н        | $\dashv$        | $\dashv$  | ᅱ         |   |  |  |
| }       |                 | 37<br>38   | 4             | +            | Н        | $\dashv$ | 4         | -         | 4            | 1       | -        |                                         | 88       |                         | $\parallel$ | _                  | F         | $\Box$          | $\dashv$  |             | lacksquare |         |                                         | 137               |                 |              | 1        | I        | П        |                 | $\Box$    | コ         |   |  |  |
| t       |                 | 39         | Ì             | )            |          | $\dashv$ | 1         | $\dashv$  | +            | +       | ┨        | $\vdash$                                | 89       |                         | #           | ╁                  | ╁         | $\exists$       | $\dashv$  | +           | +          | 1       |                                         | 138<br>139        | $\vdash$        | ┿            | ╁        | +        | Н        | $\dashv$        | $\dashv$  | $\dashv$  |   |  |  |
| [       |                 | 40<br>41   | 4             | F            | П        | =        | $\Box$    | $\Box$    | 1            | $\perp$ |          |                                         | 90       |                         | Z           | Ţ                  |           |                 | $\Box$    |             |            | 1       |                                         | 140               |                 | $\downarrow$ | #        |          |          |                 | 1         | コ         |   |  |  |
| ·       |                 | 42         | /             | t            | H        | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$     | +       | $\dashv$ | <u> </u>                                | 92       |                         | 北           |                    | +         | $\vdash \vdash$ | +         | +           | +          |         |                                         | 141<br>142        | H               | +            | +        | $\vdash$ | Н        | $\vdash \vdash$ | +         | $\dashv$  |   |  |  |
| ļ       |                 | 43         | 7             | -            | П        | 二        | $\exists$ | 1         | $\downarrow$ | 1       | ]        |                                         | 93       | <u>"</u>                | İ           | I                  | I         |                 | 丁         | 1           |            |         |                                         | 143               |                 | 士            | $^{\pm}$ |          |          |                 | 士         | ╛         |   |  |  |
| }       |                 | 44<br>45   | 1             |              | $\vdash$ | -        | $\dashv$  | +         | +            | +       | $\dashv$ | $\vdash$                                | 94       |                         | +           | +                  | +         | $\vdash \vdash$ | +         | +           | +-         |         |                                         | 144               | $\vdash \vdash$ | +            | +        | $\vdash$ | $\vdash$ | $\vdash \vdash$ | +         | 4         |   |  |  |
| <u></u> |                 | 46         | )             | L            |          | 耳        | コ         | ユ         | $\downarrow$ | 1       | ]        |                                         | 96       |                         | 士           | 1                  |           |                 | 士         |             |            | t       |                                         | 146               | Ħ               |              | 1        |          |          |                 | 士         | $\exists$ |   |  |  |
| -       |                 | 47<br>48   | <del>}</del>  | +            | ┦        | 뉘        | $\dashv$  | +         | +            | +       | $\dashv$ | <u> </u>                                | 97       |                         | +-          | ╁                  | $\vdash$  | -               | 4         | +           | +          | [       |                                         | 147<br>148        | $\Box$          | Ŧ            | F        | $\Box$   | П        | $\Box$          | T         |           |   |  |  |
|         |                 | 49         | 1             | 1            | , ,      |          | $\exists$ | 士         | 士            | $\perp$ | ]        |                                         | 99       | T.                      |             | $\pm$              |           |                 |           | 士           | $\forall$  |         |                                         | 149               | $\vdash$        | +            | +        |          | $\vdash$ | +               | +         | $\dashv$  |   |  |  |
| Ĺ       |                 | 50         | 11            | N            | Ш        | _1       |           | $\perp$   | _[_          |         | ال       | ـــــــــــــــــــــــــــــــــــــــ | 10       | 0                       |             | $\Box$             |           | $\Box$          | $\Box$    | Ι           |            |         |                                         | 150               |                 | Ţ            |          |          |          |                 | 工         |           |   |  |  |